

Title (en)

Insulating panels used as a lining of ventilation duct

Title (de)

Lüftungskanal und Isolierplatten für seine Auskleidung

Title (fr)

Gaine de ventilation et panneau isolant utilisé pour son revêtement

Publication

EP 0772009 B1 20020522 (FR)

Application

EP 96402293 A 19961029

Priority

- FR 9512986 A 19951103
- SE 9504476 A 19951214

Abstract (en)

[origin: EP0772009A1] The ventilation duct consists of a casing (1) with an inner lining of insulation panels. The panels are made from a mineral, e.g. glass or rock wool, and have their inner surfaces (2a) protected by layers of glass fabric, with their exposed edges (2b) covered by the same material. The insulation panels are held in place inside the duct by lengthwise Z-section elements (3), each of which is positioned to cover at least part of a panel lengthwise edges and to overlap part of its flat inner surface. The Z-section elements can be in various configurations, e.g. with folded edges, and they can be cut and bent to follow bends in the ventilation duct. In addition, joints between the ends of insulation panels can be covered by T-section elements.

IPC 1-7

F24F 13/24; **F24F 13/02**

IPC 8 full level

F16L 59/147 (2006.01); **F24F 13/02** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP US)

F16L 59/147 (2013.01 - EP US); **F24F 13/0209** (2013.01 - EP US); **F24F 13/0263** (2013.01 - EP US); **F24F 13/0281** (2013.01 - EP US); **F24F 13/24** (2013.01 - EP US)

Cited by

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